SOW CHANGE PROPOSAL

14 July 2004

SOW-03-837-2-09166A-1/1	Change 2
SOW-04-CSLE-09166A-2/1	Change 1
SOW-05-PMM152-09166A-2/1	Change 1

STATEMENT OF WORK (SOW)
for the
Rebuild/Inspection and Repair Only As Necessary (IROAN) of the
Crane, Wheel Mounted, Hydraulic, Light, 7 ½ Ton
NSN 3810-01-165-0646
SOW-03-837-2-09166A 1/1 Change 2
SOW-04-CSLE-09166A-2/1 Change 1
SOW-05-PMM152-09166A-2/1 Change 1

Replace the Statement of Works listed below in their entirely with SOW-03-837-2-09166A-1/1
SOW-03-837-2-09166A-1/1 Change 2
SOW-04-CSLE-09166A-2/1 Change 1
SOW-05-PMM152-09166A-2/1 Change 1

If approved, does this proposed change have the potential to have an impact on the cost or schedule?
* Yes /_/ or No /X_/ (Place and X in the appropriate block)

*Changes that have the potential to impact cost or schedule will be reviewed by Maintenance Directorate (MD) and an impact statement provided to SCMC. Changes that do not have the potential to impact cost or schedule may not be reviewed by MD.

Change Submitted by: James A. Adams
14 July 2004
Equipment Specialist
Code PMM152
MARCORSYSCOM, Albany GA

Change Approved by Mike Callahan
14 July 2004
Logistics Management Specialist
Code PMM152
MARCORSYSCOM, Albany, GA

Change Disapproved by _ _____ (Name) _____Date
Logistics Management Specialist
_____ (Code _____)
MARCORSYSCOM, Albany, GA

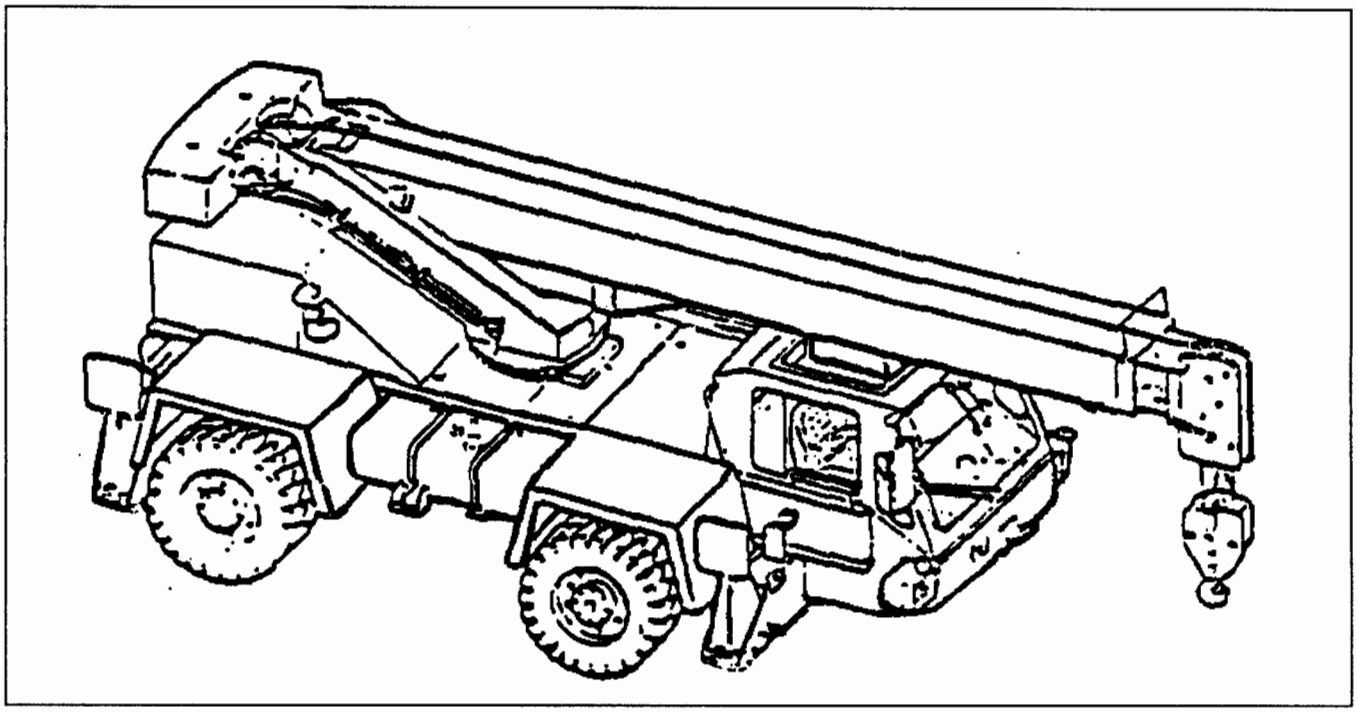
STATEMENT OF WORK

FOR THE

REBUILD

OF THE

CRANE, WHEEL MOUNTED, HYDRAULIC, LIGHT, 71/2 TON (ROUGH TERRAIN CRANE)



NSN 3810-01-165-0646

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Statement of Work
for the Rebuild of the
Crane, Wheel Mounted, Hydraulic, Light, 71/2 Ton
NSN 3810-01-165-0646

1.0 SCOPE. This Statement of Work (SOW), establishes, sets forth tasks, and identifies the work efforts that shall be performed by the Contractor (for purpose of this SOW, Contractor is defined as the commercial or government entity performing the rebuild) effort of the Crane, Wheel Mounted, Hydraulic, Light, 7 ½ Ton, NSN 3810-01-165-0646, hereafter known as the Light Crane. This document contains requirements to restore the Light Crane to Condition Code "A". Condition Code "A" is defined as "serviceable/issuable without qualification, new, used, repaired or reconditioned material which is serviceable/issuable to all customers without limitation or restriction, including material with more than six months shelf life remaining". Upon completation of this rebuild, the Light Crane's model and National Stock Number (NSN) will change to reflect configuration changes as required by Section 3.1.j and 3.1.k of this SOW. The model and new NSN shall be identified as per Section 3.2.2.a of this SOW.

Questions related to this SOW should be addressed to Marine Corps Systems Command, Code PMM152, Bldg. 3700 Rm 310W, 814 Radford Blvd, STE 20343, Albany, Georgia 31704-0343, commercial telephone number (229) 639-6983 or DSN 567-6983.

Reports required by this SOW may be duplicated and provided by the Contractor by electronic means. Microsoft Software is preferred but Contractor format may be accepted, if agreed to, prior to submission.

1.1 Background. Rebuild is defined as "that maintenance technique to restore an item to a standard as near as possible to original or new condition in appearance, performance, and life expectancy. This is accomplished through a maintenance technique or complete disassembly of the item, inspection of all parts and components, repair or replacement of worn or unservicable elements using original manufacturing tolerances and/or specifications and subsequent reassembly of the item".

2.0 APPLICABLE DOCUMENTS. The following documents form a part of this SOW to the extent specified. Unless otherwise specified, issues of these documents are those listed in the Department of Defense Index of Specifications and Standards (DoDISS) and supplement thereto which are in effect on the date of solicitation. In the event of conflict between the documents referenced herein and the contents of this SOW, the contents of this SOW shall be the superseding requirement.

2.1 Military Standards

MIL-STD-129	DoD Standard Practice: Military Marking for Shipment and Storage
MIL-STD-130	U.S. Military Property, Identification Marking of

MIL-STD-642	DoD Standard Practice for Identification Marking of Combat and Tactical Transport Vehicles
MIL-STD-3003	Vehicles, Wheeled; Preparation for Shipment and Storage of

2.2 Other Government Documents and Publications

TM5-3810-305-10	Operator's Manual for Crane, Wheel, Mounted, Hydraulic, Light, 7 ½ Ton
TM5-3810-305-24P	Unit, Direct Support, and General Support Maintenance Repair Parts and Special Tools Lists
TM5-3810-305-24	Unit, Direct Support, and General Support Maintenance
MCO P11262.2A	Inspection, Testing, and Certification of Tactical Ground Load Lifting Equipment
TM 4750-15/1	Camouflage Paint Patterns
DoD 4000.25-1-M	Military Standard Requisitioning and Issue Procedures (MILSTRIP) Manual
TM 3080-50	Corrosion Prevention and Control
TM 4700-15/1H	Ground Equipment Record Procedures

Military Handbooks (For Guidance)

MIL-HDBK-61	Configuration Management Guidance

2.3 Industry Standards

ANSI/ISO/ASQC Q9001-2000	Quality Management Systems – Requirements

Industry Standards (For Guidance)

ANSI/EIA-649	National Consensus Standards for Configuration Management

Copies of Military Standards and Specifications are available from the DoD Single Stock Point, Document Automation and Production Service, Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, commercial telephone number (215) 697-2179 or DSN 442-2179, or on the Internet at http://www.dodssp.daps.mil. Copies of other government documents and publications required by Contractors in connection with specific SOW requirements shall be

obtained through the Contracts Department, Code 891, P. O. Drawer 43019, 814 Radford Blvd., Marine Corps Logistics Command, Albany, Georgia 31704-3019, commercial telephone number (229) 639-6761 or DSN 567- 6761. Copies of engineering drawings, if applicable, shall be obtained from Supply Chain Management Center, Attn: Code 566-1A, 814 Radford Blvd., STE 20320, Albany, Georgia 31704-0320, commercial telephone number (229) 639-6476 or DSN 567-6476.

3.0 REQUIREMENTS

3.1 General Tasks. In fulfilling the specified requirements, the Contractor shall:

a. Provide materials, labor, facilities, missing parts, and repair parts necessary to inspect, diagnose, restore, and test the Light Crane. Upon completion of rebuild, repaired equipment shall be Condition Code "A" and shall meet or exceed Original Equipment Manufacturer (OEM) specifications.

b. Provide all tools and test equipment required to test, inspect, and calibrate the Crane.

c. Conduct final on-site testing for witness by Marine Corps Systems Command (MCSC), Code PMM152, Albany, Georgia representative.

d. The Contractor shall be responsible for all structural, electrical and mechanical requirements associated with the restoration of the Light Crane.

e. Conduct a rebuild of the Light Crane engine using TM5-3810-305-24 as guidance.

f. Conduct a rebuild of the Light Crane transmission using TM5-3810-305-24 as guidance.

g. Conduct 100 percent replacement of the radiator core and replacement of the radiator upper and lower tank gaskets.

h. Conduct 100 percent replacement of hydraulic hoses. Rebuild or replace all other hydraulic components.

i. Be responsible for all corrosion prevention and control in accordance with the latest version of TM 3080-50.

j. Be responsible for development of three Modification Instructions (See Appendix A) and applying the following modifications to the vehicle:

1. Outrigger drain holes
2. Brake reservoirs protection
3. Safety Decal inside battery box

k. Be responsible for development of seven product improvements (See Appendix A) to include documentation of, procurement of components and installation of the product improvements.

1. Installation of a Load Moment System
2. Replacement of batteries with the Hawker Batteries
3. Installation of a Battery Solargizer
4. Installation of a throttle lock
5. Replacement of bias tires with the new radial tires (NSN 2610-01-517-4327)
6. Replace original OEM operator's seat with the new improved seat
7. Over pack Slings with vehicles at final inspection

NOTE: Slings will be provided by: Project Officer, Marine Corps Systems Command, GTES, PM-Engineers/MHE/CE, Bldg. 2200, Lester St., Quantico, VA 22134-5060, commercial telephone number (703) 432-3719 or DSN 378-3719. Slings may not be available for over pack for vehicles early in this effort, therefore, if Project Manager has not provided slings, this requirement is waived until such time slings are available.

l. Be responsible for the work effort as identified in the Contract Work Structure Breakdown (CWSB) as provided in Appendix C.

3.2 Specific Tasks. The following tasks describe the different phases for rebuild of the Light Crane.

3.2.1 Phase I – Pre-Induction. A Pre-Induction Inspection Analysis is not required. The CWSB, Appendix C, identifies rebuild requirements for this effort.

3.2.2 Phase II – Rebuild. Rebuild of the Light Crane shall be accomplished in accordance with this SOW and TM5-3810-305-24P at the Contractor's facility.

a. Data Plates. Light Crane shall have a new data plate installed at the location of the original manufacturer's data plate. The data plate shall meet the requirements of MIL-STD-130 and contain all original information with the exceptions as noted in Appendix D. Replace all data plates and decals that are missing and illegible.

b. Vehicle Capacity Charts. With the use of the new radial tires, vehicle capacity charts must be replaced. MCSC, Code PMM152, Albany, Georgia will provide new capacity charts upon vehicle induction into the rebuild process.

c. Hardware

(1) Replace broken, unserviceable and/or missing hardware including nuts, bolts, screws, washers, turn lock fasteners, safety and one-time use items in accordance with the TM5-3810-305-24P. Unserviceable would include any of the above that failed to function properly.

(2) Ensure proper hardware locking devices are present on all moving mechanical assemblies.

(3) Hardware normally supplied with commercial parts shall be used unless specifically prohibited.

(4) The Contractor is authorized to fabricate "by example" any item/part for the Light Crane, which an engineering drawing does not exist or for any other reason the government may approve.

3.2.3 Phase III - Inspection, Testing And Acceptance

a. Inspection, testing and acceptance of the Light Crane shall be conducted in accordance with TM5-3810-305-10, TM5-3810-305-24P, MCO P11262.2A and this SOW.

b. The Contractor shall be responsible for conducting required tests and shall ensure all necessary personnel are available to complete the final acceptance. Acceptance test shall be held at the Contractor's facility. MCSC, Code PMM152, Albany, Georgia representative(s) shall be given a minimum of two weeks notice prior to beginning acceptance testing. The test area shall be cleared of all equipment, parts, components not required for the test. Testing shall include an operational test. Vehicle shall be road and operational tested in accordance with Appendix A.

c. All Cranes rebuilt under the provisions of this SOW shall be Load Tested and Condition Inspected as per MCO P11262.2A. A Condition Inspection Record and Certification of Load Test Record shall be over packed with each vehicle. These records can be found in TM 4700-15/1H and are not included in this SOW.

d. Vehicle Boom Assembly shall be stenciled with one-inch letters and in a location that is readily visible to the operator when the boom is fully retracted, that the equipment has been Load Test Certified and the date certified. Stencil shall be in a lusterless black paint. Stencil sample: Load Tested 01 OCT 04.

e. The Contractor shall be responsible for correcting any deficiencies identified during inspection/testing. MCSC, Code PMM152, Albany, Georgia representative(s) may require the Contractor to repeat tests or portions thereof, if the original tests fail to demonstrate compliance with this SOW. Cranes shall be lubricated and greased in accordance with the vehicle lubrication chart contained within TM5-3810-305-10. All coolant and oil levels shall be filled to proper levels. Antifreeze shall register – 25F.

f. Registration numbers and other markings shall be applied in accordance with TM 4750-15/1 and MIL-STD-642. Lifting and tie down attachments shall be identified with one-inch letters indicating "SLING POINT" or "TIE DOWN".

3.2.4 Phase IV - Packaging Handling Storage and Transportation (PHS&T)

a. The Contactor shall be responsible for preservation and packaging of item(s) being repaired under the terms of this SOW. Items scheduled for long-term storage shall be in accordance with the Level "A" requirements of MIL-STD-3003. Items being prepared for domestic shipment for immediate use or shipment to overseas destinations with the exception of Maritime Pre-positioned Forces (MPF) shall be Level B, Drive-on/ Drive-off. Items scheduled for overseas shipment shall have a label affixed which reads, "NOT FOR WEATHER DECK STOWAGE". Cranes scheduled for shipment to MPF shall be Level "B", MPF Modified Drive Away.

b. The Terms Drive-on/Drive-off and MPF Modified Drive Away are defined as follows:

(1) Drive-on/Drive-off: Batteries will be hot and disconnected from vehicle electrical system. Terminals and leads will be taped. Fuel tank shall be filled ¼ full of JP-5/8. The air intake system, exhaust and brake systems, drive train and gauges are to be depreserved.

(2) MPF Modified Drive Away: Batteries shall be hot and connected to vehicle electrical system. Fuel tank shall be filled ¾ full of JP-5/8. The air intake system, exhaust and brake systems, drive train and gauges are to be depreserved. Fire extinguisher bracket and seats (all) shall be installed.

c. All Cranes will be preserved to MPF Modified Drive Away unless otherwise directed by MCSC, Code PMM152, Albany, Georgia representative(s).

d. Marking for shipment and storage shall be in accordance with MIL-STD-129.

e. The MCSC Project Officer will provide the Contractor with shipping address (es) for delivery of repaired equipment. Marine Corps shall be responsible for arranging for shipment of the equipment to the pre-designed site(s). The Marine Corps will be responsible for transportation costs associated with shipping the subject equipment to and from the Contractor.

3.3 Configuration Management

3.3.1 Configuration Status Accounting (CSA)

a. The Contractor shall determine the application status of approved configuration changes by visual inspections to the extent possible. The government will identify the configuration changes to be inspected by furnishing a Configuration Checklist (Appendix A) to the Contractor. The Contractor shall use one checklist for each Light Crane to record the inspection findings along with other required data.

b. The Contractor shall record serial numbers of the assemblies listed on the Configuration Checklist. The Contractor shall record the information on the same form that was used to record the application status of configuration changes.

3.3.2 Configuration Control. The Contractor shall apply configuration control procedures to established configuration items. The Contractor shall not implement configuration changes to an item's documented performance or design characteristics without prior written authorization. If it is necessary to temporarily depart from the authorized configuration, the Contractor shall prepare and submit a Request For Deviation. MIL-HDBK-61 and ANSI/EIA-649 provide guidance for preparing this configuration control document. Approved configuration changes are identified in Appendix A.

3.4 Government Furnished Equipment (GFE)/Government Furnished Materiel (GFM). The Management Control Activity (MCA/Code 581-1B) will coordinate GFE/GFM requests and maintain a central control system on all government owned assets in the Contractor's possession. The MCA will forward a GFE Accountability Agreement to the Contractor for signature on an annual basis to establish a chain of custody and identify property responsibilities for Marine Corps assets. The Contractor is to acknowledge receipt of GFM to the MCA within 15 days of receipt. This can be done by mailing a copy of the DD1348 to Materiel and Distribution Management Department, Distribution Management Branch, Management Control Activity (Code 581-1B), 814 Radford Blvd., STE 20320, Albany, Georgia 31704-0320, or faxing a copy to commercial telephone number (229) 639-5498 or DSN 567-5498.

3.5 Contractor Furnished Materiel (CFM). The Contractor may requisition materiel as required in the performance of the SOW through the DoD Supply System. DoD 4000.25-1-M (MILSTRIP) Chapter 11 provides guidance to Contractors on the requisitioning process. The Contractor's decision to utilize CFM procured from the DoD Supply System shall be based upon cost effectiveness, availability of materiel and the required completion/delivery date.

3.6 Quality Assurance Provisions. The performance of the Contractor and the quality of work delivered, material provided and documents written shall be subject to in-process review and inspection by MCSC, Code PMM152, Albany, Georgia representative(s) during contract performance. Inspection may be accomplished at any work location. Authorized MCSC, Code PMM152, Albany, Georgia representative(s) shall be permitted to observe the work/task accomplishment or to conduct inspections at all reasonable hours within Contractor's normal working hours. Acceptance tests shall be held in-plant. Inspection by MCSC, Code PMM152, Albany, Georgia representative(s) of all acceptance tests plans, materials and associated lists furnished hereunder does not relieve the Contractor from any responsibility regarding defects or other failures to meet contract requirements which may be disclosed prior to final acceptance.

The Contractor shall provide and maintain a Quality System that, as a minimum, adheres to the requirements of ANSI/ISO/ASQC Q9001-2000, Quality Management Systems – Requirements. The Contractor's work shall be subject to in-process reviews and inspections for compliance with Quality Systems by MCSC, Code PMM152, Albany, Georgia representative(s). Noncompliance with procedures resulting in degraded quality of work may result in a stop-work order requiring action by the Contractor to correct the work performed and to enforce compliance with quality assurance procedures or face contract termination. Notwithstanding such, MCSC, Code PMM152, Albany, Georgia representative's inspection, it shall be the Contractor's responsibility to ensure that the entire system meets the performance requirements delineated and addressed in the Light Crane TM5 3810-305-24P and this SOW.

Quality assurance operations performed by the Contractor shall be subject to the MCSC, Code PMM152, Albany, Georgia representative (s) verification at any time. MCSC, Code PMM152, Albany, Georgia representative(s) verifications can include, but shall not be limited in any matter, to the following:

a. Inspection of materials, products, assemblies, and documentation to assess compliance with quality standards.

b. Surveillance of operations to determine that quality assurance, practices, methods, and procedures are being properly applied.

c. Inspections of deliverable products to assure compliance with all requirements of the Light Crane, this SOW, and applicable documents used herein.

d. Failure of the contractor to promptly correct deficiencies discovered shall be a reason for suspension of acceptance until corrective action has been made.

3.7 Acceptance. The performance of the contractor and the quality of work delivered, including all equipment furnished and documentation written or compiled shall be subject to in process review and inspection during performance. Inspection may be accomplished in plant or at any work site or location, and MCSC, Code PMM152, Albany, Georgia representative(s) shall be permitted to observe the work or to conduct inspection at all reasonable hours within the Contractor's normal working hours. Final inspection and acceptance testing shall be conducted at the Contractor's facility. Final acceptance shall be conducted on 100 percent of items to verify that the units meet all requirements. Appendix B shall be used to record the results of the Final Inspection Analysis.

Acceptance testing. The Light Crane rebuilt under the provisions of this SOW shall be accomplished in accordance with TM5-3810-305-24P, MCO P11262.2A, and this SOW.

3.8 Rejection. Failure to comply with any of the specified requirements listed herein shall be reason for rejection by MCSC, Code PMM152, Albany, Georgia representative(s). The Contractor, at no additional cost to the Marine Corps, shall provide the following:

a. Develop an approach for modification or correction of all deficiencies.

b. On approval of a documented approach, the Contractor shall correct the deficiencies and repeat verification until acceptable compliance with acceptance test procedures is demonstrated.

4.0 REPORTS

4.1 Road Test and Final Inspection. The Contractor shall complete a Road Test and Final Inspection (Appendix B) for each Light Crane rebuilt. This document shall be available during final acceptance testing. One copy of each document shall be provided to MCSC, Code

PMM152, Albany, Georgia and/or their representative(s) after final acceptance of the Light Crane, or upon request.

4.2 Configuration Checklist. The Contractor shall complete the Configuration Checklist (Appendix A) for each Light Crane rebuilt. This document shall be available during final acceptance testing. One copy of each document shall be provided to MCSC, Code PMM152, Albany, Georgia and/or their representative(s) after final acceptance of the Light Crane, or upon request.

4.3 Certification of Load Test /Condition Inspection Report. A completed Certification of Load Test Record and Condition Inspection Record shall be over packed with each Light Crane rebuilt. All inspection items listed in this report may not apply to the Light Crane. Inspection items that do apply shall be functional and pass inspection requirements. Mark inspection items that do not apply as N/A.

CONFIGURATION CHECKLIST
CRANE, WHEEL MOUNTED, HYDRAULIC, LIGHT 7 1/2TON
MODEL LRT 110

VEHICLE:

Vehicle OEM Serial Number: _____

Marine Corps Registration Number: _____

VEHICLE ENGINE:

Original Vehicle Engine Serial Number: _____

Replacement Engine Serial Number: _____

VEHICLE TRANSMISSION:

Original Vehicle Transmission Number: _____

Replacement Vehicle Transmission Number: _____

APPROVED CONFIGURATION CHANGES:

Modification/Product Improvements: (See requirements in Section 3.1.j and 3.1.k)

Modifications: The modifications listed below have been verbally approved by MCSC for installation during the rebuild of this vehicle

1. Outrigger drain holes
2. Brake reservoir protection
3. Safety Decal inside battery box

Product Improvements: Seven product improvements have been verbally approved by MCSC for installation during the rebuild of this vehicle.

1. Installation of a Load Moment System
2. Replacement of all batteries with the Hawker Battery
3. Installation of a Battery Solargizer System
4. Installation if a throttle lock
5. Replacement of bias tires with the new radial tires. (NSN 2610-01-517-4327)
6. Replace original OEM operator's seat with the new improved seat
7. Over pack slings with vehicles

ROAD TEST AND FINAL INSPECTION
CRANE, WHEEL MOUNTED, HYDRAULIC, LIGHT 7 1/2TON
MODEL LRT 110

1. Inspection and Testing Instruction.

   a. Each vehicle rebuilt in accordance with this SOW shall be fully inspected, operational tested and certified to be complete with all discrepancies corrected.

   b. This document shall be provided to Marine Corps Systems Command, Code PMM152 representative(s) for each vehicle rebuilt.

   c. Quality Control personnel shall ensure all modifications and product improvements as identified in the Rebuild SOW have been applied to the vehicle to be inspected.

2. Inspection Safety Check.

   a. An inspection safety check shall be accomplished prior to the vehicle operation.

   b. Under no circumstances will an inspector accept a vehicle for operational test when, due to certain apparent discrepancies, it may be hazardous to operate the vehicle.

   c. The inspector will make a visual check and prepare a written check-off to determine the vehicle readiness for inspection by noting the following:

      (1) Tires properly inflated

      (2) All systems that contain fluids are free of leaks

      (3) Brake system functions properly

      (4) Hydraulic system functions properly

      (5) Electrical system functions properly

(a) Service Taillight	Right Side_____	Left Side _____
(b) Service Stop Light	Right Side _____	Left Side _____
(c) Blackout Taillight	Right Side _____	Left Side _____
(d) Blackout Stop Light	Right Side _____	Lest Side _____
(e) Turn Indicator	Right Side _____	Front/Rear _____
	Left Side _____	Front/Rear _____

(f) Clearance/Marker Lights Right Side _____ Left Side _____

3. Road Test and Final Inspection Requirements. After the vehicle has been released to the inspector for road and final inspection, the inspector will make a visual check of items that are identified in the Condition Inspection Record (SOW Appendix B) and apply to this vehicle configuration.

4. A five-mile road test shall be preformed on smooth, level, hard surfaced roads at sustained speeds without incurring damage to the vehicle.

5. The vehicle shall be completely assembled and serviced, but does not require load testing at this time.

6. A Road Test and Final Inspection Checklist sheet shall be completed.

7. Each characteristic listed shall be inspected.

Item No.	Parameter	Requirement	Method of Inspection	Pass	Fail
1.	Engine Oil Level	Engine Oil level should read between the "L" and "F" marks on the engine dipstick	Visual Functional		
2.	Engine Coolant Level	Engine coolant should be near top of radiator tank	Visual Functional		
3.	Hydraulic Fluid Level	Hydraulic fluid level should be on the full mark on the tank dipstick with all cylinders retracted	Visual Functional		
4.	Transmission Oil Level	Check Transmission oil level with engine running and transmission in neutral. Operating temperature of 160-190 degrees F. Level should be on the full mark.	Visual Functional		
5.	Fuel Water Separator	Check fuel/water separator for water in sediment bowl	Visual Functional		
6.	Fuel	Check fuel gauge. Engine fuel level should meet requirements of SOW 3.2.4.b. (2). Fuel level gauge must register equivalent to tank level.	Visual Functional		
7.	Air Cleaner	With engine running, check cleaner restrictor indicator for proper reading. Should indicate a clean condition.	Visual Functional		

8.	Tires	All tires should be the new radial tire and inflated to 115 PSI	Visual Functional		
9.	Wheels and Hubs	Wheels and hubs shall be free of wobble and noise. Wheels and hubs shall be free of abnormal heating conditions.	Visual Functional		
10.	Service Brakes	Service brakes shall be tested to the extent necessary to ensure proper operation and performance. The vehicle service brakes shall control, decelerate, and stop the vehicle on dry, hard, level, smooth ground. Application of brakes on all wheels shall be concurrent.	Visual Functional		
11.	Parking Brakes	Ensure parking brakes holds with transmission in gear and releases brakes fully	Visual Functional		
12	Exhaust System	Ensure exhaust system is secured properly and free from excessive vibration.	Visual Functional		
13.	Steering	Ensure steering operation is smooth and does not pull to one side or wander	Visual Functional		
14.	Drive Train	Check for unusual noises and excessive vibration. Unusual noises and excessive vibration are not permitted.	Visual Functional		
15.	Transmission	Ensure forward and reverse operation, smooth shifting, and check for unusual noise.	Visual Functional		
16.	Defroster	Check heater for proper operation	Visual Functional		
17.	Heater	Check heater/defroster fan(s) for proper operation.	Visual Functional		
18.	Windshield Wipers	Check windshield wipers for proper operation and travel. All wiper blades should be new.	Visual Functional		
19.	Light Operational Test	Service Stop lamp, Service tail lamp, blackout stop lamp, blackout tail lamp, clearance lamps, work lamps, and turn indicators shall operate properly and be free from defects.	Visual Functional		

20.	Controls Check	All controls shall be operated and checked for functional requirements	Visual Functional		
21.	Condition Inspect Report Items (TM 4700-15/1H)	All items contained on this list that applies to this vehicle will be inspected to ensure vehicle functional operation.	Visual Functional		
22.	Painting, Marking, and Data Plate Check	Painting, marking, and service data plate shall be inspected for conformance to specification and special requirements.	Visual Functional		
23.	Vehicle Cleaning	Exterior surfaces of vehicle shall be free of dirt, grease, and any other contaminants. Exposed surfaces, to which application of preservative is specified shall be cleaned and dried with applicable process procedures to accomplish cleaning without damage to the vehicle.	Visual Functional		
24.	Load Testing Certification Check (Inspected after Load Testing)	Vehicle will be inspected to ensure load testing has been conducted; vehicle boom marked as such, and documentation is with vehicle as required by this SOW.	Visual Functional		
25.	Vehicle Operational Temperature Check	Engine water, engine oil, and hydraulic oil temperatures shall be in prescribed temperature ranges as per TM5-3810-305-10 requirements.	Visual Functional		
26.	Battery Voltage	Battery Voltage shall be 24-28 Volts DC	Visual Functional		
27.	Vehicle Data Plate	Vehicle data plate shall reflect the data required by Section 3.2.2.a of SOW	Visual Function		

8. After completion of road test, vehicle shall be turned over to the contractor load testing facility for load testing. Load Testing shall be conducted in accordance with MCO P1162.2A. The hook block will be inspected as per MCO P11262.2A, 2002.3. Hook tram points shall be clearly visible. Hook shoulder to trunnion clearance shall be 0.12 in (3.0 MM) as specified in TM5-3810-305-24P.

WORK BREAKDOWN

ITEM	REF	NOMENCLATURE	NIIN	TEREX PART NO.	VENDOR PN	QTY	FIG/ITEM	SOURCE	COST REPLACEMENT	REPLACE %	REPLACE	REBUILD	INSPECT/REUSE	UPGRADE	MODS	SUB TOTAL	NOTES
1		**MAIN KIT**															
2	1A	**Engine**	012391774	709 1300	4B3.9 Spec(SES1108)	1	2-1/1	15434/34161	$ 4,498.00			X $ 3,890.00				$ 3,890.00	SEE ATTACHMENT Actual $5,301.09
3		**Pistons**									X					$ -	
4		**Rings**									X					$ -	
5		**Rods**									X					$ -	
6		**Rod Bearings Set**									X					$ -	
7		**Main Bearings Set**									X					$ -	
8		**Cam Bearings Set**									X					$ -	
9		**Valves**									X					$ -	
10		**Valve Guides**									X					$ -	
11		**Oil Pump**									X					$ -	
12		**Water Pump**									X					$ -	
13		**Thermostat**									X					$ -	
14		**Gaskets**									X					$ -	
15		**Seals**									X					$ -	
16		**Starter**									X					$ -	
17		**Alternator**									X					$ -	
18		**Oil Filter**									X					$ -	
19		**Indicator Restriction (air)**									X					$ -	
20		**Fuel Filter**									X					$ -	
21		**Fuel Filter**									X					$ -	
22		**Belt, V-Belt**									X					$ -	
23		**Sender, Oil Pressure**									X					$ -	
24		**Switch, Oil Pressure**									X					$ -	
25		**Transducer, Pressure**									X					$ -	
26		**Switch, Pressure**									X					$ -	
27		**Sender, Tachometer**									X					$ -	
28		**Switch, Neutral Safety**									X					$ -	
29		**Sending Unit, Water Temp**									X					$ -	
30	1	**Engine Assembly Mount**	012681519	1221-90	CBA28-1050-1	3	2-1/5	0FA68/76005	$ 31.67		X $ 31.67					$ 95.01	
31	2	**Air Cleaner Element**	013063163	207537	P52-1457	1	2-24/2	79343	$ 16.30		X $ 16.30					$ 16.30	
32	3	**Exhaust Assy**	013562687	709A1321		1	4-1	01KU3	$ 353.00	10%			X			$ -	
33	3A	**Cooling Assy**		709A1324		1	5-1		$ 1,273.00			X $ 1,273.00				$ 1,273.00	
34		**Radiator**	013451190	709 1302	1365	1	5-1A	17285				X $ 500.00				$ 500.00	Change to replace core $1,000
35	1B	**Transmission**	012391823	709 1301	1724E11DB	1	7-2	5P739/81495	$ 12,765.00			X $ 3,573.00				$ 3,573.00	SEE ATTACHMENT Actual $3,674
36		**Seals**									X					$ -	
37		**Gaskets**									X					$ -	
38		**O-Rings**									X					$ -	
39		**Bearings**									X					$ -	
40		**Clutch Disk & Plates**									X					$ -	
41		**Sender, Transmission Temp**									X					$ -	
42	3B	**Sleeve**	012846249	12175-12		1	7-1/25	81495	$ 15.86		X $ 15.86					$ 15.86	
43		**Drive Shaft Assy**										X				$ -	
44	4	**Spider/Bearing Assy (Universal)**	008716818	206604	114-6128	4	8-2/1	7S526	$ 48.07		X $ 48.07					$ 192.28	
45		**Front Axle Assy**	012391829	709 1009		1	9-1		$ 31,795.00				X				
46		**Tie Rod Assy**	012615505	206838		2	9-7	4Y711/5EO74	$ 324.06	3%			X				
47	8	**Shield, Dust**	012615505	206842		2	9-7/4	55683/61125	$ 9.84	10%	X $ 9.84					$ 19.68	
48	9	**Nut, Castle HM 30 X 1.5 DIN 935**	012632626	206843		2	9-7/5	LSS	$ 0.47		X $ 0.47					$ 0.94	
49	7A	**Breather**	002317357	4203913	28270AL	1	9-2/14	0B260/19151	$ 10.24		X $ 10.24					$ 10.24	
50	7B	**Front Differential Assy with Brake**	012449841	206850		1	9-3	81495	$ 9,241.00	3%			X				
51		**Seal, Input Yoke**	012636100	206806		1	9-3/17	5EO74	$ 49.95		X $ 49.95					$ 49.95	
52		**Shield, Input Yoke Dust**	012641646	206807		1	9-3/18	61125	$ 11.86		X $ 11.86					$ 11.86	
53		**Nut, Pinion HELR M28X1.5/23/41/54-6H-10**	012630803	206809		1	9-3/19	1QF44	$ 28.99		X $ 28.99					$ 28.99	
54	10A	**Parking Brake Caliper**		206871	D00-07814	1	9-12	22075	$ 283.86	10%			X				
55		**Brake Pad Holder Assy**	012817916	207894	B99-02035	2	9-12/1	55683	$ 19.38		X $ 19.38					$ 38.76	
56	9A	**Spindle Assy**				2											
57		**Seal Kit**	013327675	206814		2	9-8	6S313/7Z016	$ 363.21		X $ 363.21					$ 726.42	
58	9B	**Planetary Assy**	013325562	208113		2	9-9	81495	$ 540.40	10%							
59		**Seal, Hub Oil**	012634252	206847		2	9-9/3	5E074	$ 66.00		X $ 66.00					$ 132.00	
60		**Seal, Runner**	012636101	206848		2	9-9/4	61125	$ 43.20		X $ 43.20					$ 86.40	
61	78	**Front Wheel Cylinder**	012786250	207369		2	9-10/6	81495	$ 544.00		X $ 544.00					$ 1,088.00	
62	78A	**Front Wheel Cylinder Kit**		207390		2			$ 352.11								
63	79	**Brake Shoe Assm**	012669683	207371		2	9-10/8	6S313/55683	$ 634.50	10%			X				
64	79A	**Spring**	012668467	207372		4	9-10/9	1RGZ2	$ 3.74	10%			X				
65	79B	**Spring**	012672934	207373		2	9-10/10	6S313/5EO74	$ 21.61	10%			X				
66	79C	**Spring**	012668468	207374		4	9-10/11	OYBC5/2B144	$ 43.37	10%			X				
67	79D	**Brake Drum**	012842359	207388		2	9-10/30	8E499	$ 470.52	5%			X				
68	10	**Tire (RADIAL)**	014655423	138-864-554	12X22.5 LCM 14 PLY	2	9-11	04NP3/12195	$ 246.60		X $ 246.60					$ 493.20	
69		**Rear Axle Assy**	012391830	709 1010		1	9-4	045T9/49185	$ 12,200.00				X				
70		**Tie Rod Assy**	012615505	206838		2	9-7	4Y711/5EO74	$ 324.06				X				
71	8	**Shield, Dust**	012619683	206842		2	9-7/4	55683/61125	$ 9.84		X $ 9.84					$ 19.68	
72	9	**Nut, Castle HM 30 X 1.5 DIN 935**	012632626	206843		2	9-7/5	LSS	$ 0.47		X $ 0.47					$ 0.94	
73		**Breather**	002317357	4203913	28270AL	1	9-5/17	0B260/19151	$ 10.24		X $ 10.24					$ 10.24	
74	7C	**Rear Diferential Assy**	012449842	206789		1	9-6	81495	$ 3,485.00	3%			X				
75		**Seal, Input Yoke**	012636100	206806		1	9-6/17	5E074	$ 49.25		X $ 49.25					$ 49.25	
76		**Shield, Input Yoke**	012641646	206807		1	9-6/18	61125	$ 11.25		X $ 11.25					$ 11.25	
77	9A	**Spindle Assy**				2											
78		**Seal Kit**	013327675	206814		2	9-8	6S313/7Z016	$ 363.21		X $ 363.21					$ 726.42	
79	9B	**Planetary Assy**	013325562	208113		2	9-9	81495	$ 540.40				X				
80		**Seal, Hub Oil**	012634252	206847		2	9-9/3	5E074	$ 66.00		X $ 66.00					$ 132.00	
81		**Runner, Seal**	012636101	206848		2	9-9/4	61125	$ 43.20		X $ 43.20					$ 86.40	
82		**Brake Assy**															
83	77	**Rear Wheel Cylinder**	012763565	207368		2	9-10/6	59534/6S313	$ 420.35		X $ 420.35					$ 840.70	
84	77A	**Rear Wheel Cylinder Kit**		207389		2			$ 207.56								
85	79	**Brake Shoe Assm**	012669683	207371		2	9-10/8	6S313/55683	$ 634.50	10%			X				

ITEM	REF	NOMENCLATURE	NIIN	TEREX PART NO.	VENDOR PN	QTY	FIG/ITEM	SOURCE	REPLACEMENT	REPLACE %	COST REPLACE	COST REBUILD	COST INSPECT/REUSE	COST UPGRADE	COST MODS	SUB TOTAL	NOTES
86	79A	Spring	012668467	207372		4	9-10/9	1RGZ2	$ 3.74	10%			X				
87	79B	Spring	012672934	207373		2	9-10/10	6S313/5EO74	$ 21.61	10%			X				
88	79C	Spring	012668468	207374		4	9-10/11	OYBC5/2B144	$ 43.37	10%			X				
89	79D	Brake Drum	012842359	207388		2	9-10/30	8E499	$ 470.52	5%			X				
90	10	Tire (RADIAL)	014655823	138-864-554	12X22.5 LCM 14 PLY	2	9-11	04NP3/12195	$ 246.60		X $ 246.60					$ 493.20	
91		Cab	012633138	7091101		1	11-9/1	2X264/61125	$ 1,600.00			X $ 2,000.00				$ 2,000.00	NOT TO REPLACE GLASS
92		Cab Insulation Assy	013562693	709A1143		1	11-10	7Z016	$ 557.00		X $ 557.00					$ 557.00	
93		Seat				1	11-11		$ 400.00					X $ 400.00		$ 400.00	AWAITING BID LOCAL PROCUREMENT $150
94		Mirrors	012615507	709A1176		2	11-12	7Z016/5E074	$ 77.65		X $ 77.65					$ 155.30	
95	29	Heater	012619815	709 1011	520F-24V	1	14-9	8S130/90847	$ 181.33	50%			X				
96	33	Marking Decal Set	013641701	709A1824		1	14-12	7Z016/5E074	$ 321.00		X $ 321.00					$ 321.00	
97	72	Defroster Fan	012672762	1223-737		1	14-8/1	2B144/61125	$ 120.68		X $ 120.68					$ 120.68	
98	75	Windshield Wiper Assm	014310574	709A1169		1	14-10	7Z016/1JX19	$ 216.00		X $ 216.00					$ 216.00	
99	76A	LMI			K758725	1			$ 4,984.00					X $4,984.00		$ 4,984.00	
100		LMI Optional Swing Limit Switch			K035012	1			$ 300.00					X $ 300.00		$ 300.00	
101	71A	Dash	012689804	7091125		1	14-1	2b144/9z443	$ 55.00		X $ 55.00					$ 55.00	
102	71B	Voltmeter	012853368	709 1015	53487	1	14-1/3	0ZBE8/0YWF1	$ 16.37		X $ 16.37					$ 16.37	
103	71C	Gauge, Transmission Temp	012665842	709 1017	53482	1	14-1/4	7Z016/59534	$ 15.68		X $ 15.68					$ 15.68	
104	71D	Gauge, Fuel	012846517	709 1014	53481	1	14-1/5	59534/9X866	$ 19.33		X $ 19.33					$ 19.33	
105	71E	Gauge, Oil Pressure	012650632	709 1013	53481	1	14-1/6	5E074/5H478	$ 41.97		X $ 41.97					$ 41.97	
106	71F	Gauge, Water Temp	012665841	709 1016	9024272	1	14-1/7	0VW10/9X866	$ 14.16		X $ 14.16					$ 14.16	
107		Dash Light	011765627	1223-743	900-208	3	14-1/8	71744/4W183	$ 8.45		X $ 8.45					$ 25.35	
108	71G	Tachometer/Hour Meter	012846521	709 1018	53483	1	14-1/9	9X866/0VW10	$ 101.52	5%			X				
109		Speedometer	012846520	709 4305	530F0-48426	1	14-1/10	58499/0P0V0	$ 119.75		X $ 119.75					$ 119.75	
110		Alarm	012842752	709 4304	MC-07-1300	1	14-1/11	19151	$ 13.10		X $ 13.10					$ 13.10	
111		Light	016120953	709 1057	813-1030-1471-506	1	14-1/12	5N063/9X866	$ 19.15		X $ 19.15					$ 19.15	
112		Switch	012314920	442 2613	90030-02	2	14-1/13	5P322/4B622	$ 3.50		X $ 3.50					$ 7.00	
113		Operator's Controls															
114	23	Transmission Shift Cable	012845926	709 1091	304262-003-111	1	14-4/8	1T268/7A013	$ 38.50		X $ 38.50					$ 38.50	
115	24	Transmission Shift Cable	012633239	709 1030	304243-002-122	2	14-4/9	7A013/55683	$ 58.50		X $ 58.50					$ 117.00	
116		Shift Control Torsion Spring (RH)	012805573	207604	A62433	2	14-5/10	41625	$ 0.22		X $ 0.22					$ 0.44	
117		Shift Control Torsion Spring (LH)	012778792	207605	A62432	2	14-5/11	41625	$ 0.22		X $ 0.22					$ 0.44	
118		Shift Control Spring	001879775	207610	A49391	2	14-5/16	41625	$ 1.29		X $ 1.29					$ 2.58	
119	25	Throttle Control Spring	003170682	40114	1799702	1	14-6/9	66964/1QF44	$ 30.00		X $ 30.00					$ 30.00	
120	26	Throttle Control Cable	012633236	709 1028	30423-003-203	1	14-6/15	7A013/5M622	$ 52.16		X $ 52.16					$ 52.16	
121	26A	Parking Brake Lever	011697388	709 1026	02183400	1	14-7/1	7Z016/08YZ5	$ 26.70		X $ 26.70					$ 26.70	
122	27	Parking Brake Cable		709 1025	X-23812A	1	14-7/7				X					$ -	
123	33A	Throttle Lock				1			$ 294.00		X $ 294.00					$ 294.00	
124		Crane															
125		Swing Bearing	012662580	7091001	FAG567681	1	12-1/1	6S313	$ 2,985.00	3%			X				
126		Boom															
127	13	Boom Pad	012850543	709 1564		4	12-3/10	61125	$ 21.89		X $ 21.89					$ 87.56	
128	14	Boom Pad	012633230	709 1563		11	12-3/12	6S313	$ 23.07		X $ 23.07					$ 253.77	
129	15	Boom Washer Spacer	012691500	709 1879		2	12-3/25	59534/9X866	$ 12.45		X $ 12.45					$ 24.90	
130	16	Boom Tube	012616540	709 1569		1	12-3/26	6S313	$ 53.99		X $ 53.99					$ 53.99	
131	17	Boom Angle Indicator	013561728	709A4389		1	12-4	0YBC5/8A310	$ 444.53	5%			X				
132		Winch															
133		Winch Cable		1269-180		180'	13-1/3	81495	$ 246.97		X $ 246.97					$ 246.97	PURCHASE BULK
134	18	Wedge	006206896	B17006		1	13-1/4	5E074	$ 53.57		X $ 53.57					$ 53.57	
135	19	Socket, Cable	011967934	B4070		1	13-1/5	6S313	$ 52.17		X $ 52.17					$ 52.17	
136	20	Clamp, Cable	012854898	1222-32		2	13-1/7	4Y711/01KU3	$ 16.69		X $ 16.69					$ 33.38	
137		Hook Block															
138	21A	Washer, Nylon	012711842	1209-71		2	13-6/4		$ 1.31								
139	21B	Spacer	012727501	709 1562		2	13-6/5	5E074/6S313	$ 135.00								
140	21	Hook Block Bearing	012716430	1217-236	MR-36	1	13-6/6	4Y711	$ 67.27								
141	21C	Locknut, 1.5F	012855931	340 4613	41NTU24221NK	1	13-6/9	9X866/61125	$ 29.00								
142	22	Thrust Block Bearing	012716435	401 4705	T-151	1	13-6/10	5E074/4Y711	$ 21.39								
143		Hook Block Trunnion	012690431	7091551		1	13-6/11	5E074/01KU3	$ 321.00								
144	21D	Hook	012753445	709 1553		1	13-6/12	5E074/1DHW7	$ 578.00								
145	21E	Shaft	012696602	709 1554		1	13-6/13	5E074	$ 226.00								
146	12	Decal Set		709A1060		1	11-13										
147		ELECTRIC KIT															
148		Battery Assy															
149		Hawker Batteries	014851472			2		0WY95	$ 254.00					X $ 254.00		$ 508.00	
150	34	Pad, Masonite 1/4 x 10 x 22 in.	012958316	709 1181		2	6-6/2	1R9W4/05606	$ 49.75		X $ 49.75					$ 99.50	WILL FABRICATE
151	35	Clamp, Battery	012712205	709F4215		2	6-6/3	7Z016/5E074	$ 81.25		X $ 81.25					$ 162.50	
152	36	Cable, Battery	012686585	709 1074		1	6-6/6	61125/8E499	$ 13.54		X $ 13.54					$ 13.54	
153	37	Cable, Battery	012691864	709 1071		1	6-6/8	9H953/8E499	$ 54.59		X $ 54.59					$ 54.59	
154	38	Cable, Battery	012686584	709 1073		1	6-6/9	19151/61125	$ 31.85		X $ 31.85					$ 31.85	
155	39	Cable, Battery	012686587	709 1098		1	6-6/10	9H953/61125	$ 84.38		X $ 84.38					$ 84.38	
156	40	Cable, Battery	012686586	709 1099		1	6-6/11	7Z016/9H953	$ 120.99		X $ 120.99					$ 120.99	
157	41	Cable, Battery	012686588	709 1072		1	6-6/12	61125/9H953	$ 68.94		X $ 68.94					$ 68.94	
158	42	Cable, Battery	012686589	709 1075		1	6-6/13	19151	$ 15.79		X $ 15.79					$ 15.79	
159	43	Trim, Flex, 1/4 x 11/16 x 6.3"	012677938	12182-6.3	1375-1/4-B-3	1	6-6/14	S9I	$ 2.38		X $ 2.38					$ 2.38	
160	44	Clamp	012641221	200B2007-4		4	6-6/15	2B144/61125	$ 3.58		X $ 3.58					$ 14.32	
161	45	Shunt	011692437	709 1077	12258937	1	6-6/17	9X866/09179	$ 24.50	10%			X				
162	46	Trim, Flex 3/8 x 5/8 x7.9"	012661399	12169-7.9	1375-3/8-B-3	1	6-6/19	S9I	$ 1.00		X $ 1.00					$ 1.00	
163	47	Capscrew, 3/8C x 1 Brass	012691489	1203-237		1	6-6/22	7R834	$ 1.02		X $ 1.02					$ 1.02	
164		Front Electrical															
165	48	Headlight	012614885	709 1056	7501-24	2	6-7/3	7Z016/9U103	$ 27.27		X $ 27.27					$ 54.54	
166	49	Headlight, Blackout	006789046	709 1038	1030004	1	6-7/4	5A910/1F926	$ 42.45		X $ 42.45					$ 42.45	
167	50	Turn Signal	013952980	709 1036	752-2101	2	6-7/5	19151/00D27	$ 49.40		X $ 49.40					$ 98.80	
168	51	Horn	011869577	420 5933	A25774	1	6-7/6	5E074/55683	$ 52.25		X $ 52.25					$ 52.25	
169	52	Switch, Stoplight	012643406	420 2972	SPX1A-60F25QC	1	6-7/10	7Z016/8S377	$ 33.40		X $ 33.40					$ 33.40	
170	53	Terminal, Male	011390853	1223-748	C-63-1203	6	6-7/14	7Z016/8S377	$ 2.78		X $ 2.78					$ 16.68	

ITEM	REF	NOMENCLATURE	NIIN	TEREX PART NO.	VENDOR PN	QTY	FIG/ITEM	SOURCE	REPLACEMENT	REPLACE %	COST REPLACE	COST REBUILD	COST INSPECT/REUSE	COST UPGRADE	COST MODS	SUB TOTAL	NOTES
171	54	Wiring Harness (cab)	012653791	709-1045	5E074/18151	1	6-8/1	2S308/1B712	$ 245.41	10%			X				
172	55	Wiring Harness (cab)	012691895	709-1048	0YBC5/19151	1	6-8/2	0YBC5/19151	$ 483.38	10%			X				
173	56	Relay	011618171	709 1087	0332-014-203	2	6-8/6	3L018/5A886	$ 20.75		X $ 20.75					$ 41.50	
174		Rear Electrical															
175	57	Light, Tail	010934439	709 1039	11614157	2	6-9/1	28501	$ 34.58		X $ 34.58					$ 69.16	
176	58	Light, Brake	009976355	420 4973	752-6901	2	6-9/2	9R205/0EV39	$ 7.75		X $ 7.75					$ 15.50	
177	59	Alarm, Travel	012666638	1223-716	574-112	1	6-9/3	58499/54840	$ 33.75		X $ 33.75					$ 33.75	
178	62	Wire Unit, Diode	012841052	709 4341		4	6-9/9	5S683/0LRM3	$ 16.05								
179		Solenoid, Starter		4202965	24006-02	1	6-9/11	13445	$ 54.57		X $ 54.57					$ 54.57	
180		Sender, Fuel	012650627	7091019	40777-049	1	6-9/16	5R980/61125	$ 33.51		X $ 33.51					$ 33.51	
181		Gasket, Fuel Sender	012902621	208341	9610070	1	6-9/16	55683	$ 1.95		X $ 1.95					$ 1.95	
182	65	Wiring Harness (main & eng)	012822531	709-1044		1	6-9/18	65313/92443	$ 724.00		X $ 724.00					$ 724.00	FAB
183	66	Switch, Toggle	008114663	1223-673	MS24658-239	1	6-9/22	13028/2B428	$ 14.65		X $ 14.65					$ 14.65	
184		Boom Electrical															
185	68	Work Light Assy	012623152	709A1469		1	6-10	7Z016/0ZBE8	$ 138.47		X $ 138.47					$ 138.47	
186	67	Wiring Harness (Work Lights)	012756236	709-1046		1	6-10/6	0YBC5/19151	$ 101.30		X $ 101.30					$ 101.30	FAB
187	70A	Collector Ring Assm			S15AP16MRC1	1			$ 873.00					X $ 873.00		$ 873.00	
188	70B	Axle Centering Switch		442 2201	914CE2-3	1	6-14/1		$ 61.20		X $ 61.20					$ 61.20	
189	71	STE-ICE Electrical System	013313873	709A1199		1	6-15	81495/SPE	$ 500.00		X $ 500.00					$ 500.00	FAB
190		Solorgizer				1									X $ 144.00	$ 144.00	
191																	
192		HYDRAULICS COMPONENTS KIT															
193	79A	Cylinder, Axle Lockout	012626240	709 1003	600-1912	4	10-2	18108	$ 344.00			X				$ -	
194	81	Axle Lockout Valve Assembly	012619798	709 1222	11-2285-1	2	10-3	4A407/8R079	$ 659.86			X				$ -	
195	81A	Valve Assy Seal Kit	012616822	208166	2-2486-7	2	10-3	81495	$ 47.95		X $ 47.95					$ 95.90	
196		Outrigger Hydraulics															
197	81B	Cylinder, Outrigger	012625279	709 1005	DHA1-273	4	10-5	81495	$ 1,483.67			X				$ -	
198	83A	Valve, Outrigger Hold	012619687	706 9400	LOA-C-6-D-R1	4	10-6	02249	$ 80.65		X $ 80.65					$ 322.60	
199	83	Outrigger Solenoid Valve Assy.	012615350	709 1225	MD06-PDNC-AA-24	1	10-7	81495	$ 171.61		X $ 171.61					$ 171.61	
200		Hydraulic Brakes															
201	84A	Reservoir	011583104	709 1097	20-920-505	2	10-8B/17	92865	$ 27.60		X $ 27.60					$ 55.20	
202		Master Cylinder	12627673	208606	20-100-251	1	10-10	01KU3	$ 395.80		X $ 395.80					$ 395.80	
203		Steering System															
204	85	Wheel, Steering	012845473	58623	7400GA1	1	10-11/16	01KU3	$ 82.97		X $ 82.97					$ 82.97	
205	85A	Steering Unit	012978455	709 1064	HG24127(HGA24017)	1	10-12	81495	$ 951.01	10%			X				
206	85B	Steering Unit Seal Kit	012817919	208609	HGA50000	1	10-12	81495	$ 40.70		X $ 40.70					$ 40.70	
207	86	Steering Cylinder	012633995	709 1002	600-1911	4	10-13	01KU3	$ 217.83			X				$ -	
208	99D	Valve, Steering Selector	012685361	208309	FSL-851-108-HS2K	1	10-14	81495	$ 197.47			X				$ -	
209	99E	Steering Selector Repair Kit	012616823	208165	2-2486-6	1	10-14	61125/55683	$ 41.34		X $ 41.34					$ 41.34	
210	99G	Swing Motor Assembly	012633221	709 1065	MAF 10002	1	10-15/1	8S492/04962	$ 265.00			X				$ -	
211	99H	Swing Motor Thrust Pack Kit	012958784	207344	SK00013	1	10-15/1	77640	$ 32.82		X $ 32.82					$ 32.82	
212	87	Main Hydraulic Pump	012680232	709 1008	1220-001-001	1	10-16	0FA68/164Y1	$ 670.00			X				$ -	
213		Main Pump Seal Kit	012680247	206631	1220-635-001	1	10-16	02968/1CU74	$ 22.50		X $ 22.50					$ 22.50	
214	99J	Ground Driven Steering Pump	012625220	709 1059	P16-85A-ED	1	10-18	7Z016/5E074	$ 453.80			X				$ -	
215	99K	Steering Pump Seal Kit	012680248	207720	15419	1	10-18	5P322/22841	$ 19.50		X $ 19.50					$ 19.50	
216	87A	Hydraulic Reservoir	012630092	709A1220		1	10-19	06YZ5/3M126	$ 1,226.00	10%			X				
217	88	Cap, Reservoir	012638457	709 1219		1	10-19/4	81495	$ 118.80	10%			X				
218	88A	Plug	010779985	362 4212	4 P50N-S	1	10-19/8	30780	$ 0.80	10%			X				
219	89	Hydraulic Reservoir Filter	012616523	709 1215	2103	1	10-19/9	0GKF8/66200	$ 62.39		X $ 62.39					$ 62.39	
220	90	Valve, Check	012619653	709 1246		1	10-20/9	5E074/9X866	$ 90.39	10%			X				
221	91	Hydraulic Reservoir Filter	012616605	709 1221	ORFS-6-F-3M-10	1	10-20/11	5E074/9X866	$ 60.43		X $ 60.43					$ 60.43	
222	92	Hydraulic Reservoir Element	014810035	709 1250	941107	1	10-21/11	81495	$ 33.31		X $ 33.31					$ 33.31	
223	99A	Hydraulic System Control Valve	012700902	709 1062	5000D109C	1	10-25/12	0GKF8/61125	$ 2,499.00			X				$ -	
224	99L	Steering Valve	012627725	706 8858	CP10387	1	10-26	9Z443	$ 818.75			X				$ -	
225	93	Piston	012627644	207624	920078	1	10-26/2	81495	$ 6.00		X $ 6.00					$ 6.00	
226	93A	Cartridge, Check Valve	012637131	207625	CP101-1-B-0-005	3	10-26/4	0ZBE8/1N8T8	$ 63.99		X $ 63.99					$ 191.97	
227	99B	Flow Divider Valve	012682026	709 1228	FRDA-XAN-BL-10	1	10-27/8	1CU74	$ 91.71		X $ 91.71					$ 91.71	
228	99C	Valve, Brake Relief	012623138	709 1227	RPEC-FAN-ZLD	1	10-28/2	0FA68/5A886	$ 76.50		X $ 76.50					$ 76.50	
229	99M	Rotary Manifold Assembly	012623174	709A1231	709A1231	1	10-29	7Z016/0UD33	$ 1,582.00		X $ 1,582.00					$ 1,582.00	
230	94A	Cylinder, Boom Hoist	012637238	709 1006	709 1006	1	10-31	81495	$ 5,921.00			X				$ -	
231	96	Boom Hoist Bushing	012792288	207166	DH21-99	4	10-31/1	0ZBE8/1W309	$ 210.00	10%			X				
232	96A	Cylinder, Extend	012619806	709 1004	61530 064047	1	10-32	62410	$ 1,695.00			X				$ -	
233	97B	Valve, Counterbalance		207189	8604-022-A07	1	10-32/2	62410	$ 162.50	10%			X				
234	99N	Swing Gear Box	012627689	7091066	010-00003-2	1	12-2	5E074/1MQB3	$ 1,850.00			X				$ -	
235	99O	Swing Gear Box Repair Kit	012852911	208308	010-80003-2	1	12-2		$ 90.15		X $ 90.15					$ 90.15	
236	99P	Spacer	012634287	206560	010-10010-1	1	12-2/4		$ 148.00			X				$ -	
237	99Q	Cone, Bearing	012442095	207316	45289	2	12-2/6		$ 28.36		X $ 28.36					$ 56.72	
238	99R	Cup, Bearing	001437567	23518	45220	2	12-2/7		$ 8.40		X $ 8.40					$ 16.80	
239	99S	Bushing	012641183	206563	510-10045-1	1	12-2/16		$ 35.50		X $ 35.50					$ 35.50	
240	99T	Cup, Bearing	004862488	207317	M802011	2	12-2/24		$ 5.38		X $ 5.38					$ 10.76	
241	99U	Container, Bearing	012853983	206555	010-10025-1	1	12-2/21	0EV39/1N8T8	$ 189.33	10%			X				
242	99V	Cone, Bearing	004708101	207318	M802048	2	12-2/25		$ 8.40		X $ 8.40					$ 16.80	
243	97C	Winch	012698719	7091007	PD7B-59020-01	1	13-2	8S492/7Z016	$ 3,090.00	5%			X				PENDING INSPECTION
244	98	Winch Seal Kit	012755257	208171	61690	1	13-2	81495	$ 28.21		X $ 28.21					$ 28.21	
245		Ball Bearing	007913411	207414	25299	2	13-2/8	52676	$ 18.54		X $ 18.54					$ 37.08	
246		Seal	011701688	207415	11428	2	13-2/9	00000	$ 0.65		X $ 0.65					$ 1.30	
247		Bearing Race	012679199	207428	25361	6	13-2/13	3BMD2/6N151	$ 5.06		X $ 5.06					$ 30.36	
248		Roller Bearing	011695432	207432	24175	6	13-2/15	19151/9U847	$ 18.60		X $ 18.60					$ 111.60	
249		Roller Bearing	012679156	207436	25333	3	13-2/24	7R934/7Z016	$ 20.01		X $ 20.01					$ 60.03	
250		Thrust Bearing Race	012679200	207434	24914	6	13-2/25	3BMD2/9K937	$ 3.18		X $ 3.18					$ 19.08	
251	98A	Winch Motor	012683805	206618	312 9710 051	1	13-3	3CE30/79343	$ 300.00			X				$ -	PENDING INSPECTION
252	99	Winch Motor Seal Kit	012652614	207918	391-1801032	1	13-3	22841/6W091	$ 27.63		X $ 27.63					$ 27.63	
253	99Y	Winch Brake Valve	012664270	206619	81715	1	13-5	1JX19/8S492	$ 393.00	5%			X				
254	99X	Winch Control Valve	012677956	7091063	8000A48	1	13-4	7Z016/4Y711	$ 638.00	5%			X				
255		Cylinder kit				1					X $ 4,000.00					$ 4,000.00	ACTUAL $2,500 TO $6,236

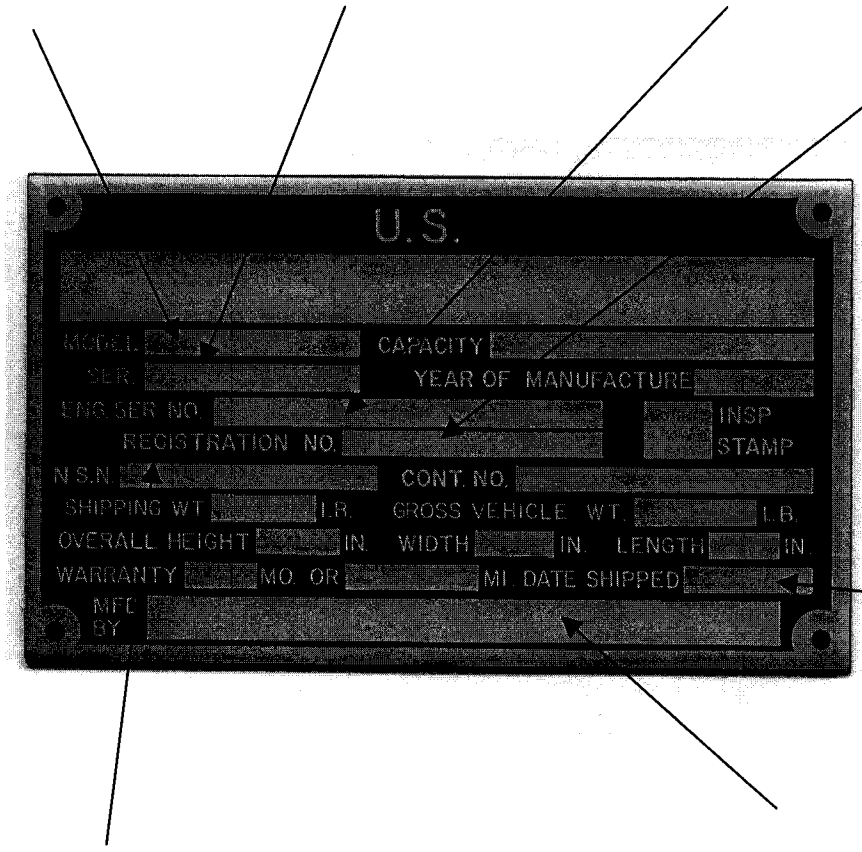
ITEM	REF	NOMENCLATURE	NIIN	TEREX PART NO.	VENDOR PN	QTY	FIG/ITEM	SOURCE	REPLACEMENT	REPLACE %	COST REPLACE	COST REBUILD	COST INSPECT/REUSE	COST UPGRADE	COST MODS	SUB TOTAL	NOTES
256																	
257		**HOSE KIT**				1					X $ 4,500.00					$ 4,500.00	
258		**Fuel Tank**															
259	100			709 1252-68		1	3-1/8				X					$ -	
260	101			709A1999		1	3-1/9				X					$ -	
261		**Cooling Assembly**															
262	102			709-1306		1	5-1/14				X					$ -	
263	103			709-1307		1	5-1/16				X					$ -	
264		**Radiator**															
265	104			208159	73602	1	5-1A/2				X					$ -	
266		**Transmission**															
267	105			709 1264-54		1	7-1/5				X					$ -	
268	106			709 1267-50		1	7-1/6				X					$ -	
269	107			709 1265-73		1	7-1/15				X					$ -	
270	108			709 1265-58		1	7-1/16				X					$ -	
271		**Rear Axle**															
272	109			200B2358-20		1	9-2/11				X					$ -	
273	109A			200B2358-21		1	9-5/13				X					$ -	
274		**Axle Lockout System**															
275	110			709 1270-78		2	10-1/3 *				X					$ -	
276	111			709 1270-75		1	10-1/4				X					$ -	
277	112			709 1270-99		1	10-1/5				X					$ -	
278		**Outrigger**															
279	113			709 1270-17		1	10-4/1				X					$ -	
280	114			709 1270-21		1	10-4/2				X					$ -	
281	115			709 1272-18		6	10-4/4 *				X					$ -	
282	116			709 1270-31		1	10-4/6				X					$ -	
283	117			709 1248-51		1	10-4/8				X					$ -	
284	118			709 1260-36		1	10-4/10				X					$ -	
285	119			709 1260-134		1	10-4/14				X					$ -	
286	120			709 1248-124		1	10-4/15				X					$ -	
287	121			709 1270-16		1	10-4/28				X					$ -	
288	122			709 1272-26		1	10-4/29				X					$ -	
289	123			709 1272-15		2	10-4/30				X					$ -	
290		**Hydraulic Brakes**															
291	124			709 1794-9		1	10-8B/19				X					$ -	
292	125			709 1795-17		1	10-8B/20				X					$ -	
293	126			709A4246-25		4	10-8B/36				X					$ -	
294	126A			1244-143		1	10-8B/38				X					$ -	
295		**Steering System**															
296	128			709 1272-19		4	10-11/3				X					$ -	
297	129			709 1270-171		1	10-11/9				X					$ -	
298	130			709 1270-45		1	10-11/10				X					$ -	
299	131			709 1270-136		1	10-11/17				X					$ -	
300	132			709 1272-155		1	10-11/18				X					$ -	
301	133			709 1270-168		1	10-11/21				X					$ -	
302		**Lower Hydraulics Suction**															
303	134			709 1245-6	881-40	1	10-21/5				X					$ -	
304	135			709 1244-11	881-24	1	10-21/10				X					$ -	
305	136			709 1243-7	881-20	1	10-21/12				X					$ -	
306		**Lower Hyd-Return Pressure**															
307	137			709 1247-57		1	10-22/3				X					$ -	
308	138			709 1249-71		1	10-22/4				X					$ -	
309	139			709 1247-45		1	10-22/6				X					$ -	
310	140			709 1266-144		1	10-22/8				X					$ -	
311	141			709 1265-189		1	10-22/9				X					$ -	
312	142			709 1248-26		1	10-22/19				X					$ -	
313	143			709 1263-51		1	10-22/21				X					$ -	
314	144			709 1247-28		1	10-22/22				X					$ -	
315	145			709 1264-27		1	10-22/23				X					$ -	
316	146			709 1267-21		1	10-22/24				X					$ -	
317	147			709 1260-139		1	10-22/27				X					$ -	
318	148			709 1260-120		1	10-22/28				X					$ -	
319	149			709 1262-102		1	10-22/29				X					$ -	
320	150			709 1276-20		1	10-22/32				X					$ -	
321	151			709 1277-17		1	10-22/34				X					$ -	
322		**Lower Hyd-Boom,Swing,Winch**															
323	152			709 1247-55		1	10-23/1				X					$ -	
324	153			709 1247-51		1	10-23/2				X					$ -	
325	154			709 1268-50		1	10-23/3				X					$ -	
326	155			709 1238-48		1	10-23/4				X					$ -	
327	156			709 1240-50		1	10-23/5				X					$ -	
328	157			709 1240-58		1	10-23/6				X					$ -	
329	158			709 1276-14		1	10-23/7				X					$ -	
330	159			709 1276-17		1	10-23/8				X					$ -	
331		**Upper Hydraulics**															
332	160			709 1238-78		2	10-24/10				X					$ -	
333	161			709 1237-90		2	10-24/11				X					$ -	
334	162			709 1240-68		1	10-24/15				X					$ -	
335	163			709 1240-67		1	10-24/20				X					$ -	
336		**Winch**															
337	164			206621		2	13-2/67				X					$ -	
338	165			206620		1	13-2/68				X					$ -	
339		**Heater**															
340	166			1276-6		1	14-8/8				X					$ -	MISSING

WORK BREAKDOWN

ITEM	REF	NOMENCLATURE	NIIN	TEREX PART NO.	VENDOR PN	QTY	FIG/ITEM	SOURCE	REPLACEMENT	REPLACE %	COST REPLACE	COST REBUILD	COST INSPECT/REUSE	COST UPGRADE	COST MODS	SUB TOTAL	NOTES
341	167			1276-163		1	14-8/11				X					$ -	
342	168			1276-187		2	14-8/12				X					$ -	
343		**Tool Kit**															
344	169			709 1270-142		1	14-11/27				X					$ -	
345																	
346		**Grease Hose**		200B2068-4		1	12-1/13				X					$ -	
347																	
348		**HARD TUBING**															
349																	
350			012115596		3905649	1	3-6/2	15434/63816	$ 11.65								
351			012852999		3906029	1	3-7/1	15434/0B8S3	$ 18.66								
352			012853000		3906030	1	3-7/2	154340B8S3	$ 23.67								
353			012853001		3906031	1	3-7/8	15434	$ 25.56								
354			012853002		3906032	1	3-7/9	15434	$ 25.11								
355			012526345		3909695	1	3-7/11	15434	$ 41.91								
356			011933081		3905692	1	3-7/16	15434	$ 22.14								
357					3905703	1	3-7/17	15434									
358			012342886		3905363	1	3-7/21	15434	$ 12.58								
359			012342887		3905364	1	3-7/22	15434	$ 12.64								
360			012342888		3905375	1	3-7/23	15434	$ 12.64								
361		**Hydraulic Brakes**															
362			012616857	709 1768		2	10-8B/22	81495	$ 70.39								
363			012616858	709 1769		1	10-8B/27	81495	$ 119.00								
364			012616859	709 1770		1	10-8B/28	81495	$ 433.28								
365			012633273	709 1771		1	10-8B/29	81495	$ 16.06								
366			012633274	709 1772		1	10-8B/42	81495	$ 232.55								
367			012644804	709 1920		1	10-8B/45	81495	$ 128.98								
368			012644803	709 1921		1	10-8B/46	81495	$ 157.45								
369			012848287	709 4284		1	10-8B/48	81495	$ 233.73								
370			012848288	709 4285		1	10-8B/49	81495	$ 508.17								
371		**Upper Hydraulics**															
372			012848289	709 4267		2	10-24/1	81495	$ 94.30								
373			012645765	709 1230		2	10-24/14	8E499	$ 23.47								
374																	
375		[illegible]															

VEHICLE DATA PLATES

Model: AMC Vehicle Serial No. Engine Serial No. Registration No.



Date Shipped?

NSN 3810-01-516-9718 Original OEM with a SLEP by MCA and date statement

The unmarked data should be as listed on the original data plate. The date shipped could be Month/Year. This will help you with identify your "warranty" start date.

In the MFD By block, the original OEM should be identified with a follow-up statement that this vehicle was SLEP by MCA on Month/Year.

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved
DMB No. 0704-0188

A. CONTRACT LINE ITEM NO.	B. EXHIBIT	C. CATEGORY: TDP _____ TM _____ OTHER X

D. SYSTEM/ITEM	E. CONTRACT/PR NO.	F. CONTRACTOR
Crane, Wheel Mounted, 7 1/2 ton		

1. DATA ITEM NO.	2. TITLE OF DATA ITEM	3. SUBTITLE	17. PRICE GROUP
A001	Request For Deviation (RFD)	Configuration Management	
			18. ESTIMATED TOTAL PRICE

4. AUTHORITY *(Data Acquisition Document No.)*	5. CONTRACT REFERENCE	6. REQUIRING OFFICE
DI-CMAN-80640C	SOW Para 3.3.2	Marine Corps Logistics Command, Albany (MCLCA) (Code 566)

7. DD 250 REQ	9. DIST STATEMENT REQUIRED	10. FREQUENCY	12. DATE OF FIRST SUBMISSION
LT	A	SEE BLK 16	SEE BLK 16
8. APP CODE		**11. AS OF DATE**	**13. DATE OF SUBSEQUENT SUBMISSION**
N/A		N/A	N/A

16. REMARKS

Blk 4 - Contractor format is authorized and shall be submitted in .doc or .pdf format.

Blks 10 & 12 - RFDs shall be submitted to obtain authorization to deliver nonconforming material which does not meet prescribed configuration documentation.

RFDs will be reviewed and disposition determined within 20 working days upon receipt by the Government.

RFDs submiission/notification shall be sent to: mbmatcomconfigmngmnt@logcom.usmc.mil

Distribution Statement A: Approved for public release, distribution is unlimited.

14. DISTRIBUTION

a. ADDRESSEE	b. COPIES		
	Draft	Final	
		Reg	Repro
MCLCA (566-1)	0	1	0
15. TOTAL →	0	1	0

G. PREPARED BY	H. DATE	I. APPROVED BY	J. DATE
Cook Y Sattis	6-22-04	James Galomo	4/9/04

DD FORM 1423-1, AUG 96 (EG) PREVIOUS EDITION MAY BE USED.